

MULTI-DIRECTIONAL POWER DISTRIBUTION UNIT

ABSTRACT

- 5 A multi-directional power distribution unit (PDU) provides flexibility in the configuration of a computer system, disk drive array or other enclosure. The power distribution unit may be installed in one orientation for a power feed having a first configuration (e.g., from the front of the enclosure), and may be installed in a second orientation for a power feed in a second configuration (e.g., from the rear
- 10 of the enclosure). In either orientation, a set of external power connectors couples to one or more external power feeds. Depending on the orientation, either a first or second internal connector will interface with the system or enclosure (e.g., a midplane, a power supply). The PDU may include circuitry for filtering electrical power and may also include a heat sink.